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Tools for the imagination.



*New*  
**DIGITAL CAMERA**  
***FinePix 6900Zoom***





# A Great Leap Forward for Perfect Picture-taking



Fine mode, 2832 × 2128 pixels, 1/30 sec, f/11.0, ISO 100 equivalent

The FinePix 6900 Zoom is a digital camera with a TTL metering system. Its lightweight and compact magnesium alloy body houses a bright, large-diameter, precision 6X zoom lens, while the gunmetal black exterior, a first for any FinePix camera, gives the FinePix 6900 Zoom an aura of sophistication and excitement. The simple user interface realizes a 'hands-on' style of operation similar to that of a film camera, allowing the user full control over all functions. However, the truly outstanding characteristic of the FinePix 6900 Zoom is its 3.3 megapixel next-generation Super CCD that produces image file sizes with an amazing 6.0 million pixels, delivering realistic, super high-quality images that will stimulate your shooting creativity.

## Setting a New Standard in Breathtaking Image Quality

### Powered by the Next-generation Super CCD



The FinePix 6900 Zoom digital camera features a high-performance 3.3-million pixel Super CCD, that has been further improved over previous Super CCDs in image quality including resolution, signal-to-noise ratio and color reproduction, to offer exceptionally

high-quality images and functions normally only found in high-end professional cameras.

### ► Low Noise, High Sensitivity

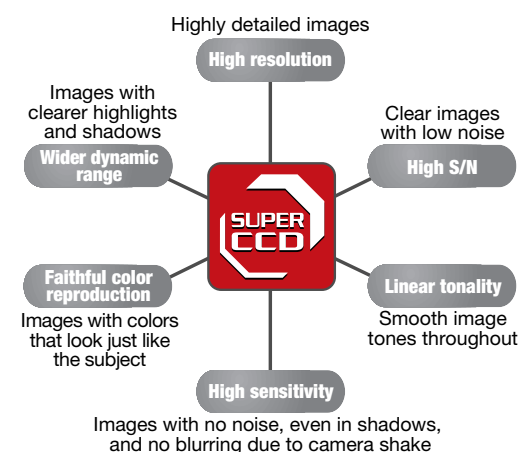
The octagonal-shaped photodiodes of the Super CCD are larger than those of conventional CCDs. As a result, the photodiodes gather light more effectively from the lens, delivering a dramatic improvement in sensitivity (equivalent to ISO 100, 200 or 400), dynamic range, S/N ratio, and other image properties. The Super CCD captures images in 12-bit color and records them at an optimal 8 bits, depending on the scene.

### ► High Resolution

The interwoven arrangement of pixels successfully increases both horizontal and vertical resolution. As a result, FinePix 6900 Zoom's 1/1.7-inch 3.3-million pixel Super CCD delivers outstanding, high-resolution image files with 6.0 million pixels (2832 × 2128, TIFF or compressed formats).

### ► Faithful Color Reproduction

Only the Super CCD offers Fujifilm's superior image-processing algorithm that faithfully and quickly reproduces colors, from subtle tones to highly saturated primary colors. With the FinePix 6900 Zoom, you can expect colors to reproduce exactly as you see them.



### Powerful 6X Optical Zoom and Selective Digital Zoom Function



35 mm (at full wide) 105 mm 210 mm (6X optical zoom)

The FinePix 6900 Zoom sports a large diameter, swift-acting F2.8 Super EBC (Electron Beam Coating) Fujinon 6X optical zoom lens that is equivalent to 35 to 210mm on a 35mm camera. This professional-quality, high-precision lens delivers outstanding detail and clarity. The zoom lens is of a floating type and is a mere 46mm in depth with ten elements in seven groups including two aspherical lenses. It has extremely low chromatic aberration and multi-layer coating.

The lens also features a built-in five-blade rounded diaphragm mechanism with 13 f-stops, which offers a wide variety of depths of field.

Smooth digital zooming up to 4.43X (in 640 × 480 pixel mode) helps bring the action right in front of your eyes. Combined with the 6X optical zoom, the FinePix 6900 Zoom's total magnification effect can be up to approximately 26.6X (929mm equivalent).



**DIGITAL CAMERA**  
*FinePix 6900Zoom*



# Hands-on or Hands-off — It's Completely Up to You!

## Variety of Shooting Modes

The FinePix 6900 Zoom is equipped with shooting modes in which you can take pictures as if you were using a conventional SLR camera.

### Auto Mode

**AUTO** This mode lets you shoot pictures in almost any situation. The FinePix 6900 Zoom will instantaneously interpret the shooting conditions and accordingly adjust the exposure and color balance using high precision 64-zone TTL metering and intelligent auto white balance.

### Scene Position Mode

**SP** This mode provides automatic settings tailored to particular types of shots such as Portrait, Landscape, Sports, Night Scene and Black-and-White modes for high-accuracy shooting, in which the camera picks the most appropriate settings for the situation.

### Programmed Shooting Mode

**P** In this mode, the camera automatically selects shutter speed and aperture, but allows you to set all the other parameters.

### Shutter-priority Mode

**S** This mode lets the user select the shutter speed ranging from 3 sec. to 1/1000 sec.

### Aperture-priority Mode

**A** This mode lets the user select the aperture in 13 f-stops from f/2.8 to f/11.

### Manual Mode

**M** In Manual Mode, the FinePix 6900 Zoom lets you enjoy a whole range of versatile exposure settings. Shutter speed and aperture settings may be selected independently.

## Functions to Release Your Creativity

The FinePix 6900 Zoom offers an extensive range of functions designed to meet the creative needs of professional photographers. Thus, in addition to standard functions, the FinePix 6900 Zoom also includes functions inherited from Fujifilm's advanced digital SLR camera, the FinePix S1 Pro.

### ►Manual Focus

In addition to its high precision auto focus system, users can select manual focusing. In the manual focus mode, the focus can be adjusted by turning the focusing ring.

### ►Intelligent Auto White Balance

The Intelligent Auto White Balance function automatically ensures the most appropriate white balance by detecting the lighting conditions of the subjects and evaluating each scene to deliver highly accurate colors.

The manual mode provides six predetermined settings while also offering accurate fine-tuning. In addition to manual white balance, the FinePix 6900 Zoom offers the Custom White Balance setting to preset the white balance manually and temporarily by pressing the exclusive button. This is very useful when the precise lighting conditions cannot be determined on the spot.

### ►Sharpness Setting

The FinePix 6900 Zoom offers three sharpness settings in which you can soften or emphasize the outline of your subjects.

### ►Multiple-exposure Mode



The FinePix 6900 Zoom incorporates the same multiple-exposure mode utilized by the FinePix S1 Pro. This allows FinePix 6900 Zoom users to be even more creative when taking pictures.



Fine mode, 2832 × 2128 pixels, 1/30 sec, f/11.0, ISO 100 equivalent (Macro mode)

### ►Preview/Post-view Function

The Preview function allows the captured image to be confirmed on the LCD monitor before recording the data on the card.

Post-view means that the captured image remains on the monitor while the data is being recorded on the card.

### ►Histogram Display

It is possible to view the histogram of a captured image on the LCD monitor before or after recording the image on the memory card.

### ►Auto Exposure Bracketting



You can use the camera's Auto Exposure Bracketting Mode to automatically capture three consecutive exposures in 1/3, 2/3 or 1 EV increments over and under the set exposure.

### ►Continuous Shooting Mode

This mode is designed for shooting of successive pictures of fast-moving subjects. You can capture a sequence of shots at 0.2 frames per second for up to 5 frames to catch all the action.

### ►Macro Mode

In Macro Mode, you can shoot close-ups in the range of 10 - 80cm (0.3 - 2.6 feet).

### ►Movie Recording Mode



The FinePix 6900 Zoom is capable of recording and playing back 320 × 240 pixel video at 10 frames/sec in AVI Motion JPEG format continuously for up to 160 seconds.





# Technology Refined to Perfection

## Faster Operation Speeds

Despite prioritizing the recording of large, high-resolution image files, the FinePix 6900 Zoom does not compromise on the camera processing speed. Operation speeds have been made faster, from the time required after switching on before being able to take a photograph to the speed of the auto focusing and the interval between successive shots. Even the playback speed of recorded images has been shortened.

At the heart of the FinePix 6900 Zoom is an ASIC (Application Specific Integrated Circuit) chip for high-speed processing of all camera functions. In fact, startup takes only 3 seconds and the quick shot feature enables shooting at minimum 1 second intervals.

## Certain and Convenient High-speed AF System

The AF system utilized in the FinePix 6900 Zoom has not only been made faster, but also incorporates audible notification that focusing has been completed, allowing users to decide the best timing for pressing the shutter button. Even during operation of the AF, the LCD monitor continues to show the image through the lens, and it is a simple matter to take photos of swiftly moving objects. Further, using the newly developed one-push auto focus function, when the camera is set to manual focus mode, the AF function will help to realize faster manual focusing.

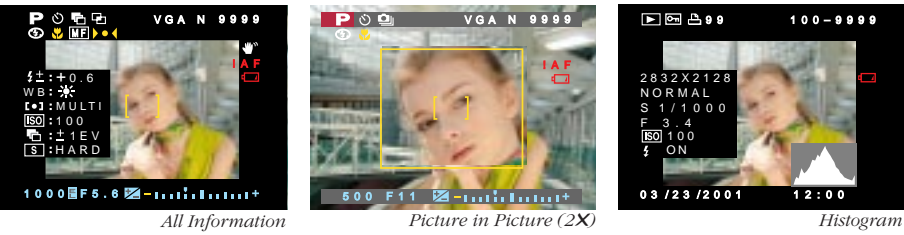
## User-friendly Electronic Viewfinder



The FinePix 6900 Zoom comes with a user-friendly, 110,000-pixel electronic viewfinder. This digital viewfinder can display all the information required for each shot, including the current shooting mode, the number of shots, shutter speed, f-stop and

exposure compensation. As a result, you can confirm all the technical information while looking through the viewfinder. You can also take advantage of the “Picture-in-Picture” function, which doubles the size of the image in the center of the viewfinder, enabling you to check the accuracy of focusing.

This electronic viewfinder can be selected to display actual and playback images instead of the LCD monitor. This feature comes in very handy when it is



Fine mode, 2832 × 2128 pixels, 1/125 sec, f/8.0, ISO 100 equivalent



Tele Conversion Lens (optional)



28 mm (full wide with 0.79X wide conversion lens)



35 mm



105 mm



210 mm (6X optical zoom)



315 mm (6X optical zoom with 1.5X tele conversion lens)



930 mm (26.6X magnification effect; 4.43X digital zoom with 6X optical zoom)



1400 mm (39.9X magnification effect; 4.43X digital zoom with 6X optical zoom with 1.5X tele conversion lens)

hard to see the image on the monitor clearly in a bright environment. The battery will also last longer when you use the viewfinder instead of the LCD monitor for displaying images.

## SLR Camera-style Operation and Handling



The FinePix 6900 Zoom is dedicated to making high-end SLR camera enthusiasts feel totally at home by offering handling similar to conventional TTL SLR cameras in a design that naturally fits in your hands. In addition to its shutter speed and aperture dials, the FinePix 6900 Zoom provides specific buttons for most other settings, allowing users to operate the camera according to their creative intuition.

## Compact and Lightweight

Although the FinePix 6900 Zoom incorporates a 6X zoom lens, with the lens part retracted, the depth of its compact body is a mere 46mm. Further, due to the alloy exterior that uses magnesium for the body and aluminum for the lens barrel, a lightweight body has been realized that weighs only 450g with the battery.

## Bright and Clear LCD Monitor

The FinePix 6900 Zoom has a 2-inch, low-temperature polysilicon 130,000-pixel TFT color LCD monitor. This monitor produces crisp, detailed images for checking your subjects both indoors and outdoors.

## Various Playback Modes

In Playback Mode, you can view captured still images and motion pictures. Images and video are displayed on the camera's LCD monitor. For more impressive presentation of your still shots and videos, you can use the included video cable to connect the camera to a TV. In addition to Auto and Single Frame playback, you can also enlarge an image up to 18 times using Playback Zoom and view a series of nine shots simultaneously using the Multi-Frame function. Further, images cropped using the Playback Zoom can be recorded as new images (minimum image size 640 × 480 pixels).

## Other Features



**A USB interface** is provided to allow high-speed transfer of image data to PCs.

The FinePix 6900 Zoom is powered by a **NP-80 rechargeable lithium-ion battery**. Not only do rechargeable batteries save money, but they also minimize the impact on the environment. The battery is recharged without removing it from the camera using the standard accessory AC power adapter.

**The pop-up built-in flash** of the FinePix 6900 Zoom will only operate when the flash is raised.



The FinePix 6900 Zoom comes with convenient **FinePixViewer** software, which enables you to check and transfer your captured images on a PC monitor. In addition to image checking and transfer, FinePixViewer lets you connect to the Internet to access FinePix Internet services\*. *\* The contents of this service will differ depending on the country in which you live.*

FinePix 6900 Zoom features superior expandability with accessories. **A 0.79X wide-angle conversion lens (28mm equivalent) and 1.5X telephoto to conversion lens (315mm equivalent)** are available as options. For your creative photography, the FinePix 6900 Zoom's large-diameter lens allows use of a wide variety of commercially available filters (ø55mm), and **the hot shoe** on the upper part of the camera body enables the synchronized use of external flash units.



315 mm (6X optical zoom with 1.5X tele conversion lens)



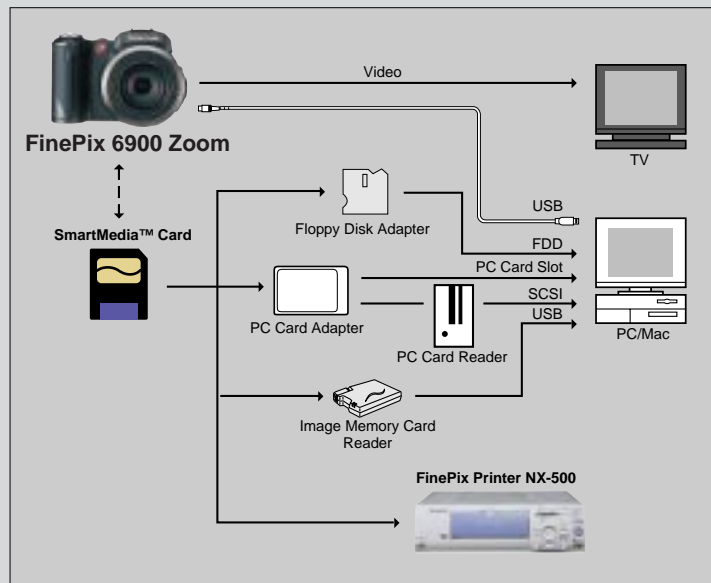
## SPECIFICATIONS

### DIGITAL CAMERA FinePix 6900 ZOOM

<b>CCD sensor</b>	1/1.7-inch Super CCD with 3.3 million pixels in an interwoven pattern			
<b>Image file size</b>	6.0 million pixels (2832 × 2128 pixels)/ 2048 × 1536 pixels/1280 × 960 pixels/640 × 480 pixels			
<b>File format</b>	TIFF-RGB or JPEG (Exif 2.1) * Design rule for Camera File system compliant/DPOF-compatible			
<b>Storage media</b>	SmartMedia™ cards (3.3V, 2 – 128 MB)			
<b>Number of images (at 2832 × 2128 mode)</b>	<b>Mode</b>	<b>MG-16S/SW</b>	<b>MG-32S/SW</b>	<b>MG-64S/SW</b>
	High	1	2	3
	Fine	6	13	26
	Normal	13	28	56
	Basic	33	68	137
<b>Lens</b>	Super EBC Fujinon 6X zoom lens			
<b>Lens focal length</b>	Equivalent to 35 – 210 mm on a 35 mm camera			
<b>Focus</b>	Automatic/ manual			
<b>Focal distance</b>	Normal: Approx. 50 cm / 1.6 ft. to infinity Macro: Approx. 10 cm / 0.3 ft. to 80 cm/2.6 ft.			
<b>Aperture</b>	F2.8 to F11 (13 f-stops in 1/3 steps)			
<b>Viewfinder</b>	Electrical viewfinder (0.55-inch 110,000-pixel LCD color viewfinder)			
<b>Exposure control</b>	64-zone TTL metering, Program AE, Aperture-priority AE, Shutter-priority AE and Manual			
<b>Sensitivity</b>	Equivalent to ISO 100/200/400			
<b>Shutter speeds</b>	Variable speeds from 3 to 1/2000 sec. (in Auto and Scene Position Modes)			
<b>White balance</b>	Automatic/Manual [Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm white), Fluorescent light (Cool white), Incandescent light], Custom			
<b>Flash</b>	Auto flash using flash control sensor 6 modes [(Auto, red-eye reduction, forced, suppressed, Night scene(slow synchro), Red-eye reduction + Slow synchro) Effective range: Wide Approx. 0.3 – 3.6 m (1 ft. – 11.8 ft.) Tele Approx. 0.3 – 3.2 m (1 ft. – 10.5 ft.)			
<b>LCD monitor</b>	2-inch low-temperature polysilicon TFT (130,000 pixels)			
<b>Interface</b>	USB, Video			
<b>Power source</b>	Rechargeable Battery NP-80 AC Power Adapter (included)			
<b>Dimensions</b>	110 (W) × 78.5 (H) × 93.5 (D) mm/ 4.3 (W) × 3.1 (H) × 3.7 (D) in.			
<b>Weight</b>	410 g / 14.5 oz (excluding batteries, accessories and SmartMedia™ card)			
<b>Other functions</b>	Self-timer			
	Digital 4.4X zoom (640 × 480 mode), 2.2X zoom (1280 × 960 mode), 1.4X zoom (2048 × 1536 mode)			
	Shooting modes: Auto, Scene Position, Program, Aperture-priority, Shutter-priority, Manual, Exposure compensation: –2 to +2EV in 1/3EV steps			
	Multiple-exposure Continuous shooting: 0.2 sec./frame, up to 5 frames Movie recording: 320 × 240 pixels, 10 frames/sec, up to 160 sec, AVI, Motion JPEG format			
	Auto exposure bracketing mode: ±1/3 EV, ±2/3 EV, ±1 EV Playback: Single frame (with 18X Playback zoom), 9 multi-frame, Auto playback Protect DPOF setting			
<b>Accessories included</b>	16MB SmartMedia™ card NP-80 rechargeable battery AC power adapter Shoulder strap USB cable Video cable Lens cap CD-ROM • USB Driver • FinePixViewer • DP Editor • Adobe® PhotoDeluxe HE 4.0 for Windows® • Adobe® ActiveShare for Windows®			

Specifications are subject to change without notice.

## SYSTEM CONFIGURATION



## OPTIONAL ACCESSORIES

	<b>Image Memory Card</b> MG-4S MG-8S MG-16S/SW MG-32S/SW MG-64S/SW MG-128SW		<b>Rechargeable Lithium-Ion Battery</b> NP-80
	<b>Floppy Disk Adapter</b> FD-A2		<b>Battery Charger</b> BC-80
	<b>PC Card Adapter</b> PC-AD3		<b>Wide Conversion Lens</b> WL-FX9 • X0.79 • ø55mm thread • with Adapter Ring
	<b>Image Memory Card Reader</b> SM-R2		<b>Tele Conversion Lens</b> TL-FX9 • X1.50 • ø55mm thread • with Adapter Ring
	<b>Image Memory Card Reader</b> DM-R1		<b>Soft Case</b> SC-FX9

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